## Philco Radio & Television Corporation

## Models 39-6, 39-7.


I.F.= 470 KC.
ALL CONNECTIONS SHOWN IN DOTTED LINES ARE USED IN MODEL 39-7, AND ALL SOLID LINES MARKED (X) ARE BROKEN.
70Ω IN MODEL 39-6
50Ω IN MODEL 39-7
*25,000Ω IN MODEL 39-6;
32,000Ω IN MODEL 39-7.
OUTPUT 41
2ND. DET. A.V.C. 1ST. AUDIO 75
I.F. 78
DET.-OSC. 6A7
RECT. 84
TUNING CONDENSER
TO FILAMENTS
1700Ω FIELD COIL
CONNECTIONS SHOWN IN DOTTED LINE-S ARE ON MODEL 39-7 ONLY.
USED IN MODEL 39-7 ONLY
PUSH-BUTTON PADDERS & SWITCH ARE USED ON MODEL 39-7 ONLY
OSC. TRANS. MODEL 39-6
ANT. TRANS. MODEL 39-6&7
OSC. TRANS. MODEL 39-7
ANT.
GND.

| MODEL | PRI. 1-2 | SEC. 3-4 | SEC. 3-5 | SEC. 5-4 |
|---|---|---|---|---|
| 39-6 | 2.8Ω | 1Ω | — | — |
| 39-7 | 2.8Ω | — | 5Ω | .2Ω |

| Operation in Order | SIGNAL GENERATOR | | | RECEIVER | | | | |
|---|---|---|---|---|---|---|---|---|
| | Output Connections to Receiver | Dummy Antenna Note A | Dial Setting | Dial Setting | Control Setting | Adjust Compensators in Order | Special Instructions |
| 1 | 6A7 | .1 mf. | 470 K.C. | 580 K.C. | Vol. Cont. Max. | 11A, 7B, 7A | Adjust for max. output |
| 2 | Ant. Lead | 100 mf. | 1550 K.C. | 1550 K.C. | Vol. Cont. Max. | 3B, 3A | Adjust for max. output Note A, B |

**NOTE A**—The "Dummy Antenna" consists of a condenser connected in series with the signal generator output lead (high side). Use the capacity as specified in each step of the above procedure.

**NOTE B**—DIAL CALIBRATION: With the tuning condenser in "maximum capacity" position (plates fully meshed), set the dial pointer between the two horizontal lines at the low frequency end of the scale (550 K.C.).